

Investigation of the Mechanical and Magnetic
Properties of Fe-Ni-Al Alloys for Permanent
Magnets, by A. A. Shekalov, Ya. I. Streis. USCL

RUSSIAN, per, Metal i Obrat Metallov, No 4,
1958, pp 29-.

SLA 50-5000
DSIR LIT M.571

(loan)

Sci - Chem; Phys
May 60

116,507

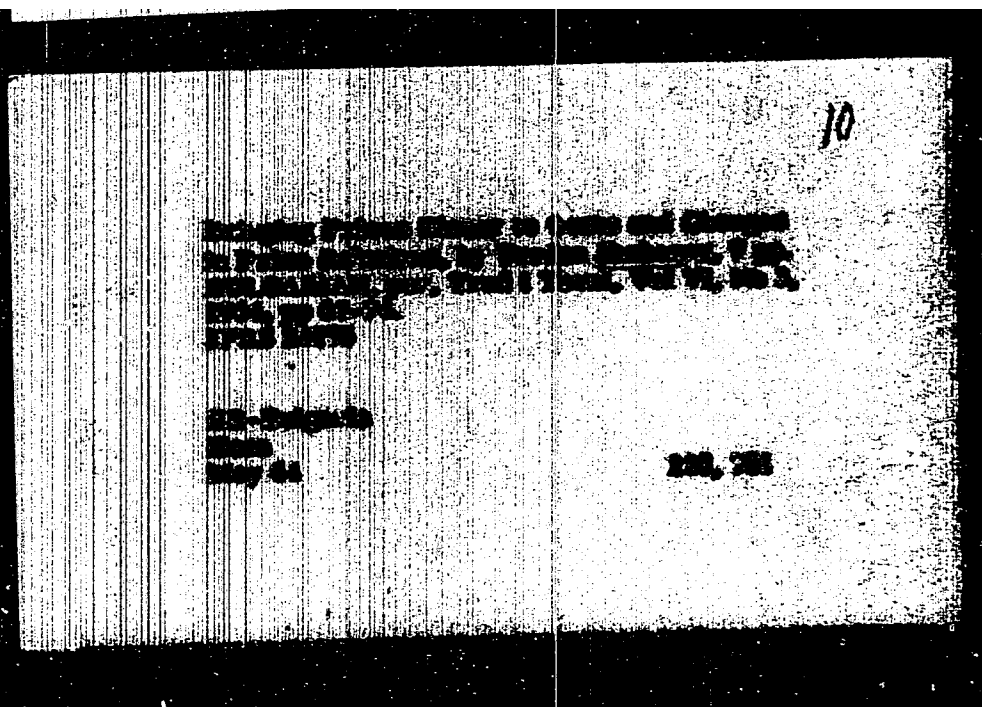
Excerpt From "Geographic Systems of China -
Natural Environment Volume," by Tadac Shetano,
Akira Hatanabe, 67 pp.

JAPANESE, bk, Shina Chiri Taikai-Shizen
Kankyo Ken, Tokyo, 1940, pp 319-409.

CIA/FDD Tr 668

FE - China
Geo - Topography, plants and animals
Soc - Ethnic groups
Box 57

55, 416



Characteristic Features of a Focus of Tick
Rickettsiosis in South-East Turkmenia, by S. M.
Kulagin, Z. M. Zhmayeva, M. V. Shekhanov, A. A.
Pchelkina, 7 pp

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXVIII, No 7, 1957, pp 114-120.

Pergamon Inst

Sci + Med
Nov 58

76,691

Methods of Mass Marking of Young Acipenserid Fishes
using Radioactive Phosphorus, by I. A. Shekhanova,
10pp.

RUSSIAN, PER, Ikhtiologicheskaiia Komissia Akademii
Nauk SSSR, Trudy Soveshchani, No 8, pp 327-331, 1958.

Fisheries Research Board of Canada
St. Andrews, Nanaimo and St. John's
Stations

Sci

Feb 64

Some Results of Mass Marking of "non-Standard"
Sturgeon Fingerlings by Means of Radioactive
Phosphorus, by G. S. Karsinkin, E. V. Soldatova,
I. A. Shekhanova, 14 pp.

RUSSIAN, par, Migratsii Zhivotnikh, No 1, 1959,
pp 27-40.

Dept Interior
QB301 C273 No 279

Sci - Biol
May 61

148,877

The Fine Structure of the Excitation of
Luminescence Spectra of Crystals of HgI_2
and PbI_2 , by E. F. Geras, N. I. Shakhmat'yev,
& PP.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,
No 10, 1961, pp 3162-3166.

AIP
Sov Phys - Solid State
Vol III, No 10

Sci

May 62

195,739

The Relationship Between the Edge Luminescence
and the Structure of the Fundamental Absorption
Edge, by E. F. Gross, R. I. Shekhtmet'ev,
4 pp.

RUSSIAN, paper, Fizika Tverdogo Tela, Vol III, No 3,
1961, pp 889-894.

AIP
Soviet Phys
Vol III, No 3

168,731

Sci

Sep 61

The Low Temperature Luminescence and Absorption of
BiI₃ Crystals, R. I. Shekhtman'yev, ~~82~~ 3pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 2,
1961, pp. 581-584.

AIP
SOV Phys-Solid State
Vol III, No 2

Sci
Aug 61

166, 0.59

Investigation of Reflectance and Luminescence Spectra
of Copper Halides at Low Temperature, by E. F. Gross,
B. S. Razbirin, R. I. Shakhmamat'yev, 3 pp.

RUSSIAN, per, Optika i Spektro, Vol VIII, No 2,
1960, pp232-238.

OSA

Sci

Apr 61

149,082

SHEKHMER, ETAL

RU

CORROSION INHIBITING ADDITIVES FOR SULFER CONTAINING FUELS

KHIMIYA I TEKHNLOGIYA TOPLIV I MASEL, NO. 12
• 1964, KHIMIYA, P47-51

FSTC-HT-23-1061-73

Shekhter, A., Roginskii, S., and Isaev, B.
ELECTRON-MICROSCOPICAL INVESTIGATION OF
CATALYSTS. I. ASBESTOS AS A CARRIER. [1951]
7 p. 6 refs.
Order from OTS or SLA \$1.10

61-18334

Trans. of Acad. Physicochimica U. R. S. S., 1945, v. 20,
p. 117-126 (also pub. in Akademiya Nauk SSSR,
Otdelenie Khimicheskikh Nauk. Izvestiya, 1945,
p. 322-328).

DESCRIPTORS: *Catalysts, *Electron microscopy,
*Asbestos fibers, Fibers.

The electron-microscopical method was applied to a
study of carrier catalysts, in particular to oxide and
metal contacts deposited on asbestos. The effect of
heating on the structure of chrysotile and anthophyllite
asbestos was studied and destruction of fibers, be-
(Chemistry--Physical, TT, v. 7, no. 6) (over)

61-18334

I. Shekhter, A.
II. Roginskii, S.
III. Isaev, B.
IV. Title: Asbestos ...

197035

Office of Technical Services

Condensation Inverse for Lengthening Pulse,
by E. D. Prokhorov, N. A. Stukhovtsov, 10 pp.

RUSSIAN, per, Izvestiya Vysshikh Vshchegiykh
Nauk, Seriya Fiziko-Matematicheskie Nauki,
Vol. V, No. 3, 1962, pp. 394-396.

JPRS 16911

Sci

Nov 62

217,990

(NY-7167)

Influence of the Separation Boundary Between
a Metal and a Semiconductor on the Electric
Characteristics of Transistors, by N. A.
Shekhovtsov, 10 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved MViSSO
SSR po Razdelu Radiotekh, Vol V, No 2,
Mar/Apr 1962, pp 265-266.

JPRS 15475

Sci - Electronics

213, 117

Oct 62

(NY-7126)

Inductive Properties of a Double-Base Diode,
by N. A. Shekhovtsev, E. D. Prokhorov, 7 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO,
SSSR, Radiotekh, Vol V, No 1, 19~~62~~62, pp ~~XXXXXX~~
126-127.

JPRS 14401

Sci

Jul 62

202,934

Changes in the Large Joints in Rheumatic Fever
(Histological and Histochemical Investigation),
by A. B. Shekhter. 34 pp.

RUSSIAN, per, Arkhiv Patologii, Vol 25, No 8,
1963, pp 14-23.

SLA TT-64-19294

A. B. Shekhter

Sci/B&M
Jul 66

305,935

Electron Microscopic Study of the Structural Changes
of Finely Divided Solids on Heating, by A. I.
Echsiatova, A. B. Shekhter, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1,
1949, pp 13-17.

R.A.E. Farnborough Tr 597
Sci Mus Lib Tr 57/0485

Sci - Physics
Jun 57

48,470

32
Some Problems of Radioactive Thermal Exchange
in the Cloudy Atmosphere, by F. N. Shekhter,
ISSN 0013-788X, for, Trudy Glavnoy Geofizicheskoy
Observatorii, No 187, 1986, pp 82-103.

*RISI J-2018

ID A204011867

F. N. Shekhter

Sci-Atmos Sci

07 07

64

Some Results of Calculation of the Radi-
ational Variation of Temperature in the
Atmosphere Boundary Layer, by S. M. Kurb-
anov and P. N. Shikhter, 13 p.
RUSSIAN, per. Trudy, Glavaya Geofizich-
eskaya Observatoriya, Leningrad, No 127,
1962, pp 26-34. 9700123
AFCELT T-N-488

P. N. Shikhter

Sci-Ear Sci
Apr 66

797,760

(1X-0710)

Experience in Teaching Roentgenology and
Radiology at the Moscow Medical Experimental-
Biological Institute, by I. A. Shelkter,
A. S. Pavlov, 9 pp.

RUSSIAN. per, Medit Radiolog, No 5, MAY
1961, pp 14-20.

JPES 11077

175, 4/61

CEL
Eps 61

Audio-Visual Syntheses and the Teaching of Spoken
Language, by I. Yu. Shchekter, 5 pp;
RUSSIAN, per, Vestnik Vyshego Shkola, No 4, 1964,
pp. 53-57.
JPRS 30058

USSR
Soc
Mag 55

270,313

Shekhter, L. N., Myasnikov, I. A., and
Pahezhetkii, S. Y.

CORRELATION BETWEEN THE CATALYTIC
PROPERTIES OF ZINC OXIDE AND ZINC SULFIDE
AND THEIR LUMINESCENCE. [1962] 6p. (4 figs.
refs. omitted).

Order from OTS or SLA \$1.10

62-16578

Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 109, no. 6, p. 1163-1166.

DESCRIPTORS: *Luminescence, *Sulfides, Oxides,
*Zinc compounds, Catalysis, *Semiconductors,
Conductivity, Crystals.

Experimental data show the existence of a linear
relationship between catalytic and luminescent proper-
ties of zinc oxide. These data confirm previous hy-
potheses on the nature of catalytic centers of zinc
oxide (at least in the relationship of the studied re-
(Physics - Solid State, TT, v. 8, no. 9) (over)

62-16578

I. Shekhter, L. N.
II. Myasnikov, I. A.
III. Pahezhetkii, S. Y.

0226013

Office of Technical Services

Studying the Mechanisms of Memory and Recognition, III.
Signs Used for Mechanism of Recognition, by M. K. Rothner,
6 pp.
RUSIAN, per, Dok Ak Pecheg Mark RUSIA, No 1, 1963,
pp 77-80.

JPRS 20020

Sci-Misc
Feb 64

209,520

Spindle Coupling Steel Slide Blocks Automatically
Surfaced with Bronze,
by S. Ya. Shekhter, 4 pp.

RUSSIAN, per, Automat Svarka, No 9, 1960, pp 76-81.

BWRA

165,045

Sci

Aug 61

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLIII,
No 3, 1962, pp. 958-962.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 3

Sci

Apr 63

233,188

Shekhter, Yu. N. Kalashnikov, V. P., and
Goryacheva, V. I.

THE NITRATION OF MINERAL OILS. [1963] [8p]
23 refs

Order from OTS, SLA, or ETC \$1.10 TT-63-20257

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1963 [v. 7, no. 1] p. 40-45. (Abstract
available)

DESCRIPTORS: *Nitration, *Mineral oils, *Lubricant
additives, Fuel oil, Surface-active substances,
Corrosion, Antioxidants,

Technology of production of a new oil-soluble corrosion
inhibitor - the nitrated oil - was developed. Composi-
tion of a new liquid protective lubricant NG-204 was
developed on the basis of nitrated oil; this composition
surpasses in efficiency analogous protective lubricants
and is prospective from standpoint of production
simplicity and raw-material availability. (Author)

TT-63-20257

I. Shekhter, Yu. N.
II. Kalashnikov, V. P.
III. Goryacheva, V. I.

05055
(Materials--Lubricants,
TT, v. 11, no. 4)
Office of Technical Services

(DC-4700/1)

Setting the Norms for the Number of Procurement
and Storehouse Personnel at Grain Procurement
Enterprises, by A. Radov, Kh. Shekhtman, 6 pp.

RUSSIAN, per, Trud i Zerabotnaya Plata, No 7,
1960, pp 29-33.

JPRS 6472

USSR
Econ
Jan 61

137,458

Operating Cycles and External Characteristics
of a Twelve-Phase Cascade-Bridge Conversion
Circuit, by M. G. Shekhtman.

RUSSIAN, per, Iz Ak Nauk Issled Inst
Prestoyannogo Toka, No 5, 1960, pp 23-63.

NLL/RTS 1899

Sci - Electricity

193,821

Apr 62

Experience of the mechanised hardfacing of crane
wheels at the Alchevo iron and steelworks, by
S. Yn. Sheldter, 5 pp.

RUSSIAN, per, Avtomat Svarka, No 3, 1962, pp 73-78.

EWRA

Sci

Feb 63

234,037

On the Experimental Verification of Unitary
Symmetry of Strong Interactions, by V. M.
Shekhter, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XLIII, No 1, 1962, pp 205-215.

Amer Inst of Phys
Sov Phys - JETP
Vol X XVI, No 1

Sci

Jan 63

220,551

Symmetry Properties of Strong Interactions, by
V. M. Shekhter, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,
No 3, 1961, pp 810-820.

AIP
Sov Phys - JETP
Vol XIV, No 3

Sci

201,721

Jun 62

On the Problem Concerning the Nature of Sigma
Phase, by M. V. Ageyev, V. Sh. Shekhtman, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXV, 1960,
pp 309-311.

AEC Tr-4566

Sci
Aug 61

163,791

Influence of "Third" Elements in Spark Spectroscopic,
Analysis of Molten ~~Alloys~~ Alloys, by L. E.
Vredenskiy & V. I. Shekhalova, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz. Vol. XXIII,
No 9, 1959, pp 1093-1095

Columbia Tech

Sci

Nov 60

132,995

Catalytic Activity of Adsorption Platinum Catalysts
in the Decomposition of Hydrogen Peroxide, by A. A.
Lopatkin, V. I. Shakhobalova, V. P. Lebedev, 12 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXVIII, No 12, 1954,
pp 2222-2231.

Assoc Tech Serv 5/HL2R

Jul 58

69, 984

Karst Topography in the Southern Maritime Region
[Primorye], by M. P. Kolbin, A. F. Shekhorkina,
I. A. Shekhorin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXVIII,
No 3, 1959, pp 586-589.

AGI

Sci

Jun 61

154,628

Karst Topography in the Southern Maritime Region
[Primorye], by M. F. Kolbin, A. P. Shekhorkina,
I. A. Shekhorin, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXCVIII,
No 3, 1959, pp 586-589.

AGI

Sci

Jun 61

154,628

The Electron-Microscopic Study of Natural
Phosphates. by S. I. Vol'kovich, L. B. Grinshpan,
A. B. Shekhter. 5 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXV, #
1952, pp 137-139.

SLA R-2851

Sci

Jul 59

91,365

Study of Serological Types of Hemolytic Streptococci in Patients With Scarlet Fever and in Healthy Carriers, by A. B. Shokhter, 13 pp. *

RUSSIAN, bk, Scarlatina, 1956, pp 137-144.
CIA 197115

NIH

38,516

Sci - Medicine
Sep 56 CR8/dax

SLA R-134/17
SLA R-224/37

Electron Microscope Study of Surface Changes of
Solid Catalysts During Use, by A. B. Shokhiter,
I. I. Tret'yakov.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdelenie
Khimicheskikh Nauk, No 3, 1953, pp 442-447.

CIA C 36692

Assoc Tech Svc
~~Ref: 10-10-10~~
RJ-160

Consultants Bureau

Scientific - Chemistry

17447

Method of Preparing Replicas From Given Sub-
microscopic Sections of Large Surfaces, by
I. I. Tret'yakov, A. B. Shekhter, 7 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol
LXVI, No 2, 1949, pp 231-233.

CIA/FDD/X-1238

Scientific - Chemistry
CTS/DEX

9822

also in Model 76 51/270 2

Electron Microscope Studies of the Surface of
Working Contacts, by S. Z. Roginskiy, I. I.
Tren'yakov, A. B. Shekhter, 20 pp.

RUSSIAN, thrice-a-year, ⁴ Zhurnal Fiz. Khim., Vol
XXIII, No 1, 1949, pp 50-56.

CIA/FDD/X-1191

Scientific - Chemistry
CPS/DEX

9171

Creep of Silver Atoms Along the Surface of Zinc-Oxide
Crystals, by A. B. Shekhter, A. I. Echeistova, I. I.
Tret'yakov.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXIV, No 2, 1950,
pp 202 - 206.

AEC Tr 1096

NLI M. 1035

Sci - Chem

Dec 51 CTS

Sci. Phys. Ser. T-236

A-2030

The Role of Radiant and Turbulent Heat Exchange
in the Formation of the Temperature Stratification
of the Boundary Layer of the Atmosphere, by
L. A. Klyuchnikova, P. N. Shekhter, 8 pp.

RUSSIAN, per, Trudy Glav Geofiz Observ imeni
A. I. Voznyakova, No 94, 1960, pp 33-38.

Amer Meteorol Soc T-R-380

Sci - Geophys
Feb 62

184.925

Calculating the Depth of Frost-Penetration in
Soil and the Temperature of the Frost-Penetrated
Soil, by F. H. Shakhmatov, 20 pp.

RUSSIAN, per, Trudy Leningrad Glavnaya Geofiz
Obsr, No 77, 1958, pp 7-19.

Amer Meteorol Soc
AF Cambridge Res Center

Sci - Geophysics
Jan 61.

137,650

The Present State ~~of~~ of Affairs ~~in~~ and Problems
of X-Ray Diagnosis of Cancer of the Lung, by I.
A. Shekhter, 10 pp.

RUSSIAN, par, Voprosy Onkologii, Vol V, No 8,
1959, pp 227-235.

PP

Sci
Aug 60

124,583

Difficulties and Errors in the X-Ray Diagnosis of
Lung Cancer, by I. A. Shekhter, 6 pp.

RUSSIAN, per, Voprosy Onkologiy, Vol XII, No 5,
1957, pp 589-595.

Pergamon Inst

Sci - Med
Jan 59

78,659

The Effect of Erythropoiesis of Serum From Healthy
and Anemic Subjects. Part I, Changes in the Blood
and Bone Marrow, by S. Yu. Shekhter, A. Ya.
Yaroshavskiy, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVIII,
No 10, 1959, pp 23-26.

CB

Sci -
Jul 60

121,085-

Reverse Thrust of Aircraft, by I. Shekhter. ~~Eng.~~

Full or

RUSSIAN, ~~np~~, Sovetskaya Aviatsiya, No 179 (2137),
31 Jul 1957, p 3.

ATIC F-TS-9300/III

Sci - Aerodynamics
Nov 57

55, 617

The Influence of Length in Tubular Steel Test-
pieces on Deformation and Tensile Stress, by
L. G. Afendik, L. I. Shakhter, 4 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol VIII, No 1,
1959, pp 85-89.

PP

Sci
Oct 60

130,162

Investigation of the Correlation Between the
Luminescence and the Catalytic and Adsorption Proper-
ties of "Self-Activated" ZnO and ZnS Crystals (A),
by I. N. Shekhter, I. A. Miasnikov and S. Ia.
Pashchatskii, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXI,
No 5, 1957, pp 664-666.

Columbia Tech

Sci - Phys

Aug 58

71,796

The Action of Sera of Healthy Subjects and
Anemic Patients on Erythropoiesis. II. The
Mechanism of the Erythropoietic Action of Serum,
by S. Yu. Shekhter, 3 pp.

RUSSIAN, per, Byul Ekpper Biol i Med, Vol XLIX,
No 1, Jan 1960, pp 39-41.

CB

Sci
Aug 60

126,159

The effect of sera from patients with
anaemia on erythropoiesis, by A. Ya.
Taroshevskiy and S. Yu. Shekhter, 11 pp.

RUSSIAN, par, Problemy Gematologii i
Perelivaniya Krovi, Vol IV, No 4, 1959,
pp 17-24.

Pergamon Press

Sci

Dec 59

103,638

Experience on Automatic Plating of Sheet-Rolls,
by S. Ya. Shekhter, V. P. Gorelov, 3 pp.

RUSSIAN, par, Metallurg, No 1, 1958, pp 28, 29.

Consultants Bureau

Sol - Min/Met

Dec 58

77,437

Isotopic Structure of Weak Interactions and
Processes Resulting From the Absorption of a
Neutrino or Antineutrino by Nucleons, by V. M.
Shekhter, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI, No 6,
1961, pp 1953-1961.

AIP
Sov Phys - JETP
Vol XIV, No 6

Sci

205,060

Hyperon Spin Decay, by V. N. Shukhter, 6 pp.

RUSKIAN, M., Zhur Eksper i Teoret Fiz,
Vol. XIV, No 2(8), 1958, pp458-466.

Amer Inst of Phys
Sov Phys - JETP
Vol. VIII(35), No 2

Sci - Phys

Apr 59

84,155

Possibility of Determining the Form Factors in
Leptonic Decay of Hyperons, by V.P. Belov, B.S.
Mingalev, V.M. Shekhter, 8 pp.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol
XXXVIII, No 2, 1960, pp 541-552.

AIP
Sov Phys - JETP
Vol XI, No 2

Sci
Nov 60

18³ 2, 8 11

Interference of Form Factors in Leptonic
Decay of Hyperons, by V.M. Shekhter, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol
XXVIII, No 2, 1960, pp 534-540.

AJP
Sov Phys - JETP
Vol XI, No 2

S-1
Nov 60

132,810

On the Weak-Interaction Types Possible in the
Scheme of Feynman and Gell-Mann, by V. M.
Shelkter, 3 pp.

RUSSIAN, per, Zhur Ekspar i Teoret Fiz,
Vol XXXVI(9), No 2, 1959, pp 581-584.

Amer Inst of Phys
Sov Phys - JETP

Sci - Phys

Sept 59

97,183.

On the Polarization of the Electrons Emitted in the
Decay of Mu Mesons, by L. B. Okun', V. M. Shekhter,
3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 5, 1958, pp 1250-1253.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 5

Sci - Phys
Dec 58

77,531

On the Production of π -Mesons by Protons on Nuclei
of Various Elements, by A. A. Ansel'm, V. M.
Shekhter, 3 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIII,
No 2 (8), 1957, pp 481-484.

Amer Inst of Phys
Sov Phys-JETP
Vol VI (33), No 2

Sci - Phys

May 58

64,251

Theory of the Additive Deformation Diagram and
Calculation of the Actual Resistances to Rupture,
by V. Ya. Shukhter.

RUSSIAN, per; Zavod Lab, No 8, 1949, pp 957-961.
9661839.

ATIC MCL 562/1

Sci - Phys
Jun 61

155,539

Investigation of the Effects of Certain Impurities on
Cementation (Contact Precipitation) of Gallium by
Sodium Amalgam, by A. T. Nizhnik and Z. V. Shekhter,
5 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXV, No 2,
1961, pp 295-300.

CB

Sci

Jan 62

233,456

Experience in Regulating the Vitamin C
Supply of the Body, by G. A. Shekhtman

RUSSIAN, no per, Voenno Med Zhur, No 1,
Moscow, Jan 1960, pp 81-83

US JPRS 2641-N

Sci

Jun 60

118,055

Regulation of the Vitamin A Supply of
the Body, by S. A. Shekhtman

RUSSIAN, no par, Voenno Med Zhur, No 12,
Moscow, Dec 1959, pp 65-65

US JPRS 2313

Sci

Mar 60

109,700

Radiation in the Problems of Gas Dynamics, by
E. Larish, I. Shokhtman, 4 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol
CXIII, No 5, 1957, pp 1010-.

Consultants Bureau

55,957

Sci - Physics
Dec 57

Propagation of Detonation Waves in the Presence
of a Magnetic Field, by E. Larish , I. Shattman,
4 pp.

RUSSIAN, per, Zhur Kaper i Teoret Fiz, Vol XXIV,
No 1(7), 1958, pp 203-207.

Amer Inst of Phys
Sov Phys-JETP
Vol. VIII(35), No 1

Sci - Phys

Feb 59

82,306

(NY-6718)

Physical Realization of Devices to Perform Logic Functions, by M. L. Tsenslin, L. N. ~~BRUNN~~
Shtetitskiy, 12 pp.

RUSSIAN, per, *Primeneniye Logiki v Nauke i
Tekhnike*, 1960, pp 377-393.

JPRS 10904

Sci - Elec

175, 481

Dec 61

(DC-4406)

On Push-pull Ferrotransistor Circuits With
Aperiodic Reading, by M. L. Petlin, L. M.
Sneichtzan, 9 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 3, 1960,
pp 89-94.

JPAS 6670

Sci - Math

Feb 61

140,056

Some Regularities in the Formation of Compounds of
Rhenium With Transition Metals, by N. V. Ageyev,
V. Sh. Shekhtman, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 5,
pp 1011-1013.

CB

126,406

Sci
Aug 60

The X- and Po -Irradiation Dose Curves For
B. Coli Communis, by ^YJa. L. Shekhtman, V. I.
Plokhoi, G. V. Filipova, 6 pp.

Russian
~~Full Translation of Soviet Periodical Biofiz,~~
Vol III, No 4, 1958, pp 486-492.

Pergamon Inst

Sci - Biol

Apr 59

86,056

(2229-II)

A Scientific Conference on the Problem, "The
Effect of Ionizing Radiations Upon The Animal
Organism", by Ya. L. Elukhtan, 5 pp.

NUBBIAN, per, Izvestiya Ak Nauk SSSR, Seriya
Biologicheskaya, No 6, 1958, pp 758-760.

JPRS L-675-N

Sci - Med
Mar 59

83,136

50
role of Peroxides and Oxygen in the First Stages
of the Radiobiological Effect. Oxygen and the
Theory of the Primary Radiobiological Effect,
by Ya. L. Shkhtman.

RUSSIAN, per, Akad. Nauk SSSR, Institut Biolo-
gicheskoi Fiziki, 1960, pp 126-135. PB11069467
ADU RF-4r-1483

ya. L. Shkht
Shkhtman

Sci/000
Mar 67

518,645

The Law of Reciprocity and the Biological Effects of
Fast Electrons, Ya. L. Shekhtman, G. B. Radzyevskiy,
A. A. Zotinkov, P. Ya. Glarumov, 6 pp.

RUSSIAN, per, Biofiz, Vol III, No 3, 1958,
pp 312-319.

~~Pergamon~~ Ltd

Sci - Med

Mar 59

82,509

S-5204

(NY-2642)

The Primary Mechanism of the Biological Action of
Radiation, by Ya. L. Shekhtman, 24 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 2,
Moscow, 1959, pp 172-184.

JPRS-L-822-N

Sci - Medicine
K Jun 59

89,732

Formation of Crystalline Ice in Wheat Grains on
Deep Cooling, by G. B. Radzivevskiy, Ya. L.
Shelchman, 6 pp.

Full tr

RUSSIAN, bldg per, Kolloid Zhur, Vol XVIII, No 1,
1956, pp 77-82. CIA 9000405

Consultants Bureau

Sci - Chemistry
Sep 56 CTS

38,683

(NY-6642/b)

On the Problem of Forecasting the Pressure
Field at High Altitudes, by Ye. D. Shakhtman,
8 pp.

RUSSIAN, per, Trudy Kazakhskogo Nauchno-
Issledovatel'skogo Gidrometeorologicheskogo
Instituta, Vol XV, 1960, pp 27-31.

JPRS 10215

171, 116

Sci - Geophys

Oct 61

(NY- 6642)

The Effect of the South-East Kazakhstan Mountain
Massifs Upon the Dynamics of Atmospheric Processes,
by Ye. D. Shekhtman, 16 pp.

RUSSIAN, par, Trudy Kazakhskogo Nauchno-
Issledovatel'skogo Gidrometeorologicheskogo
Instituta, Vol XV, 1960, pp 32-40.

JPRS 10210

171,121

Sci - Geophys

Oct 61

Acetylation of Unsaturated Hydrocarbons. II.
Acetylation of Phenylacetylene and Heptyne-1 With
Acetic Anhydride in the Presence of Zinc Chloride,
by V. N. Belov, G. Z. Shekhtman, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1501-1503. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,923

A Study of the Decoloration of Methylene Blue Under
the Influence of Roentgen Rays, by I. L. Shekhtman,
A.A. Krasnovskii, and I. V. Vereschinski.

Full translation.

RUSSIAN, per, Dok Akad Nauk SSSR, Vol LXXIV, No 4,
pp 767-779, 1950.

AEC Tr 1215

Scientific - Chemistry

RT 2160

A-6117

(NY-3292).

Push-Pull Ferrite Transistor Circuits and
Algebraic Method of Synthesizing Them, by H. L.
Tsetlin, L. M. Shekhtman, 57 pp.

RUSSIAN, bk, Problemy Kibernetiki, No 2, 1959,
pp 139-180.

JPRS 2352

Sci - Math
Mar 60

111, 065

Fluid Flow Near the Bottom of the Hole During
Hydraulic Formation Fracturing by Yu. M. Shelditman,
I. F. Kuranov, A. A. Larin, 7 p.

RUSSIAN, per, Neft Khoz, 1958, Vol XXXVI, No 12,
pp 40-45.

⁴
ATE-68L35R

Sci
Apr 60
Vol III, No 2

111,694

New Tourist Hits in the Delta Mountains / [unclear]

On the application of the Information Trans-
mission in Hydrological Instrument-Building,
by V. G. Volkov and B. V. Shekhvatov, 22 pp.
MOSKVA, 1957, Eng. Institute Shekhvatov AN
USSR. ENGINEERING INSTRUMENT-BUILDING
INSTRUMENT-BUILDING, Vol 19, 1957, pp. 10-24.
1957 1957

90

B. V. Shekhvatov

USSR
Eng. Inst./A
Box 65

24, 120

Hydroacoustic Communications System with 54
Pulse-Time Signal Modulation, by V. B.
Shekhvatov, 19 pp.
RUSSIAN, per, Trudy Instituta Okeanologii,
Vol LXXV, 1964, pp. 157-170.
JPRS 33651

V. B. Shekhvatov

USSR
Sci-EB/A
Jan 66

294,349

The Influence of "Regenerator" and "Vitreous
Substance" On the Development of Ehrlich's
Tumour, by V. P. Shekonin, 5 pp.

RUSSIAN, per, Voprosy Onkologii, Vol V, No 10,
1959, pp 407-410.

PP

Sci

Aug 60

124, 274

Intergranular Cracks in the Heat
Affected Zone When Welding Aus-
temitic Steels and Alloys, by
B. I. Medovar, L. V. Shkotilo,
6 pp.

RUSSIAN, per, Svaroch Proiz, No 4, 1962,
pp 17-20.

ENRA

Sci

22, 736

Apr 63

Carrier state of cytopathogenic enteric viruses in
normal children--I. Frequency of carrier state
of cytopathogenic enteric viruses in normal children,
by L. A. Shekoyan, 6 pp.

RUSSIAN, per, Voprosy Virusolog. Vol VI, No 1, 1961.

PP

Sci

Mar 62

186,129

Serological Changes in Healthy Children Under the
Influence of Latent Infection Caused by Wild Strains
of ~~POLIO~~ Poliomyelitis Virus, by L. A. Shekoyan,
6 pp.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 4,
1961, pp 440-444.

PP

Sci

Oct 62

216,090

On the Interaction of Chlorides of Hafnium,
Niobium and Tantalum With Phosphorus Oxychloride,
by V. A. Vovtovich, I. A. Sheks.

RUSSIAN, per, Dopovidi Ak Nauk Ukr RSR, Vol VIII,
1958, pp 849-852.

CCT-1736B

Sci - Chem
Dec 59

103,000

The Effect of Vitamin B₁ on Digestive Gland
Secretion. Communication I. Gastric Gland
Secretion in Dogs with Experimental Vitamin B₁
Deficiency, by L. A. Shekun. 5 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol ~~45~~ XLIII,
No 7, 1957, pp 45-49.

Consultants Bureau

Sci - Med

Jun 58

65,434

The Absorptive Function of the Small Intestine
After Subtotal Resection of the Stomach. Com-
munication I. Changes in the Absorption of
Glucose and Water by the Small Intestine
After Partial Resection of the Stomach, by L. A.
Shokun, 5 pp.

RUSSIAN, ~~pp~~, Byul Ekaper Biol i Med, Vol XLVI,
No 9, 1958, pp 19-23.

Consultants Bureau

Sci - Med
Jun 59

90,104